

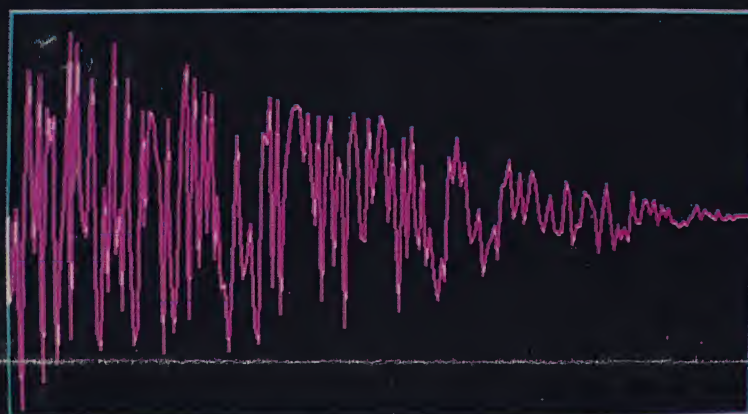
ABACUSTM

VOL 1 NO 4

SUMMER 1984

Computer Music

PLOT OF RANDOM WAVEFORM FROM THE FUNCTION --- >



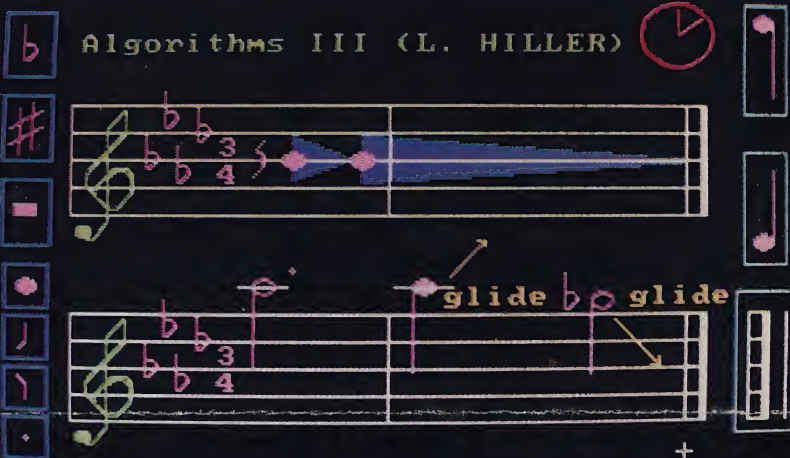
NOISE = (((RND (1)) * 200) - 100) * ENVELOPE

PLOT OF FREQUENCY MODULATED WAVEFORM FROM THE FUNCTION --- >



$Y = A * \sin(CFt - d/n * (\sin MFt))$

Algorithms III (L. HILLER)



Languages for First Courses in Computer Science

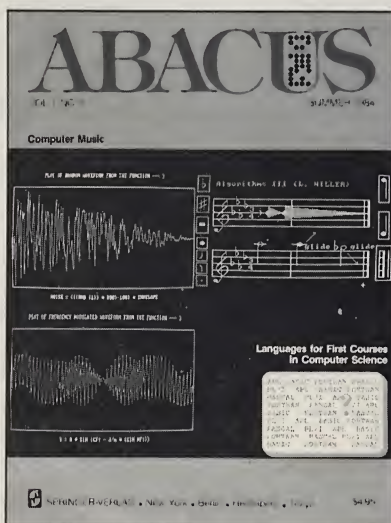
APL BASIC FORTRAN PASCAL
PL/I APL BASIC FORTRAN
PASCAL PL/I APL BASIC
FORTRAN PASCAL PL/I APL
BASIC FORTRAN PASCAL
PL/I APL BASIC FORTRAN
PASCAL PL/I APL BASIC
FORTRAN PASCAL PL/I APL
BASIC FORTRAN PASCAL



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The cover illustration, generated on an IBM PCjr, is a noise wave-form plot and a frequency modulated waveform plot, along with a sample section of the score. Derived from a program by Steven Levine for his forthcoming book *The IBM PCjr Music Machine*.



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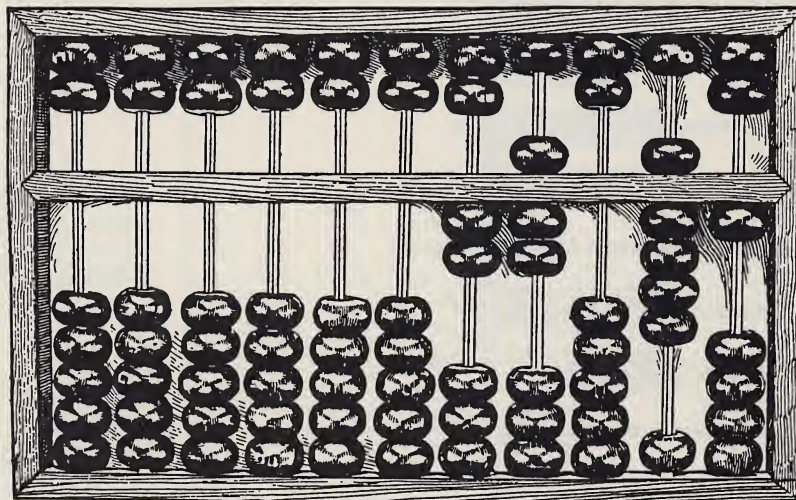
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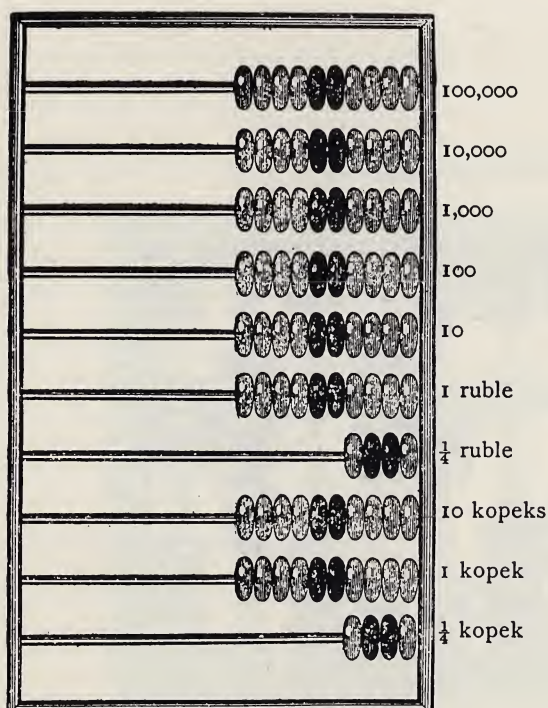
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